

SKRIPSI

TRI YUNI PURWATI

**UJI ANTI-*HELICOBACTER PYLORI* EKSTRAK
N-HEKSANA, EKSTRAK KLOOROFORM DAN
EKSTRAK ETANOL DARI RIMPANG
ZINGIBER ZERUMBET SM.**



PERPUSTAKAAN
UNIVERSITAS AIRLANGGA
SURABAYA

**FAKULTAS FARMASI
UNIVERSITAS AIRLANGGA SURABAYA
BAGIAN ILMU BAHAN ALAM
2003**

Lembar Pengesahan

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**Dibuat Untuk Memenuhi Syarat Mencapai Gelar Sarjana Farmasi Pada
Fakultas Farmasi Universitas Airlangga
2003**

Oleh :

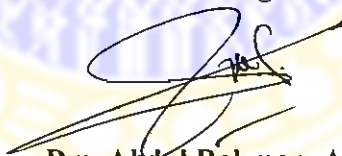
TRI YUNI PURWATI

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Skripsi Telah Disetujui Oleh :

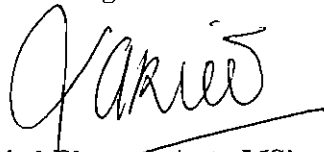
Pembimbing Utama :

A handwritten signature in black ink, appearing to be "Drs. Abdul Rahman".

Drs. Abdul Rahman, Apt., MS.

131653432

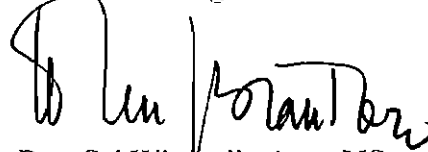
Pembimbing Serta I :

A handwritten signature in black ink, appearing to be "Dra. Wiwied Ekasari".

Dra. Wiwied Ekasari, Apt., MSi.

132087863

Pembimbing Serta II :

A handwritten signature in black ink, appearing to be "Dra. Sri Winarsih".

Dra. Sri Winarsih, Apt., MS.

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ABSTRACT

Anti-*Helicobacter pylori* test had been done to n-hexane extract, chloroform extract and ethanol extract of *Zingiber zerumbet* rhizome. *Helicobacter pylori* is an important etiological agent of chronic gastritis, peptic ulcer and gastric cancer in humans.

Clinical isolate of *Helicobacter pylori* were obtained from RSU Mataram and had been identified by Gram staining, urease, oxidase, catalase and agar TSI (Triple Sugar Iron). Bacterial growth inhibition assay was performed by agar dillution method. Chloramphenicol was used as positive control.

The result is n-hexane extract, chloroform extract and ethanol extract of *Zingiber zerumbet* rhizome has no inhibitory effect on isolate *Helicobacter pylori* from Mataram up to concentration 7,5 mg/ml.

Keywords : *Helicobacter pylori*, Agar Dillution Method, *Zingiber zerumbet* rhizome